

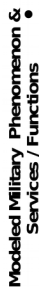
The MATREX architecture is designed to provide a robust, scalable and multi-resolution Modeling and Simulation (M&S) environment intended to be used for

- Network-Centric Warfare (NCW) analysis:

- Experimentation

- Technology Tradeoffs

- Technology Gap Assessment



The MATREX system is a distributed computing environment. Applications are developed and maintained by disparate organizations and integrated together across distributed computing resources over a network.



Integrated Development Environment

Enter Restricted Site:

AKO Username: *

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- Account Eligibility
- Register for Access
- Password Problems
- Contact IDE Staff

Modeling Architecture for Technology, Research and Experimentation

Welcome to the MATREX website and IDE.



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

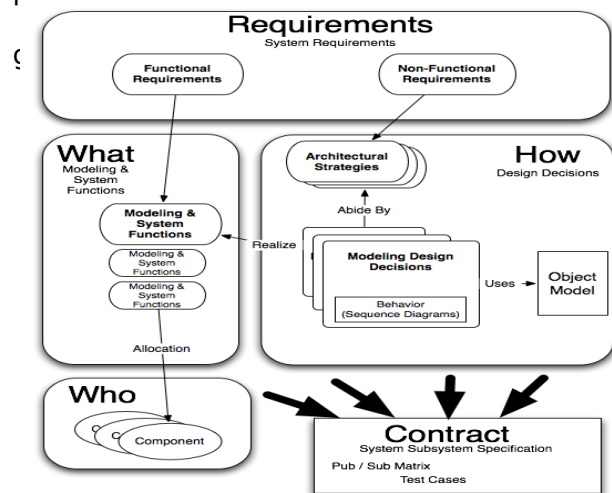
Who is benefiting from the MATREX Architecture?

- Research, Development and Engineering Command
 - RDEC's (9)
 - ✓ AMRDEC
 - ✓ AMSAA
 - ✓ ARDEC
 - ✓ ARL
 - ✓ CERDEC (Fort Belvoir and Fort Monmouth)
 - ✓ ECBC
 - ✓ NSRDEC
 - ✓ STTC
 - ✓ TARDEC

- Future Combat System Lead System Integrator

Benefits (Why) of using the MATREX Architecture?

- The collection of RDECOM high fidelity and high resolution models provides a collaborative and thorough modelling and simulation environment with
 - best of breed models closely integrated and managed
- Our Service-Oriented Architecture design paradigm



Points of Contact

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Acronyms List

AMRDEC	= Aviation & Missile Research, Development and Engineering Center
AMSAA	= Army Materiel Systems Analysis Activity
ARDEC	= Armament Research, Development and Engineering Center
ARL	= Army Research Laboratory
ATC	= Advanced Test Capability
ATEC	= Army Test and Evaluation Command
BLCSE	= Battle Lab Collaborative Simulation Environment
CERDEC	= Communications-Electronics Research, Development and Engineering Center
COP	= Common Operating Picture
ECBC	= Edgewood Chemical Biological Center
FCS	= Future Combat System
IDE	= Integrated Development Environment
LSI	= Lead System Integrator
MATREX	= Modeling Architecture for Technology, Research and Experimentation
NCW	= Network Centric Warfare
NSRDEC	= Natick Soldier Research, Development and Engineering Center
OTC	= Operational Test Command
SDD	= System Description Document
STTC	= Simulation & Training Training Center
TARDEC	= Tank and Automotive Research, Development and Engineering Center
TRADOC	= Training and Doctrine Command

Get the right M&S technology to the right place, at the right time, for the Decision Maker and the Warfighter.